

FIG. 1

The diagram illustrates a database system architecture. A central horizontal bus 160 connects several components. On the left, a DBMS 100 (103) is connected to a DB DATA cylinder 110 (111) and a JOURNAL FILE cylinder 120 (121). Above the bus, a DB ACCESS APPLICATION 130 (131) is connected to a cylinder 132 (132). Below the bus, a WWW SERVER 140 (141) is connected to a DATA ACCESS APPLICATION 146 (147) and a DBMS UPDATE WATCH 145 (148). The DATA ACCESS APPLICATION 146 is connected to a cylinder 142 (142) containing TEXT DATA 143 (143) and IMAGE DATA 144 (144). The WWW SERVER 140 is also connected to a cylinder 152 (152) containing TEXT DATA 153 (153) and IMAGE DATA 154 (154).

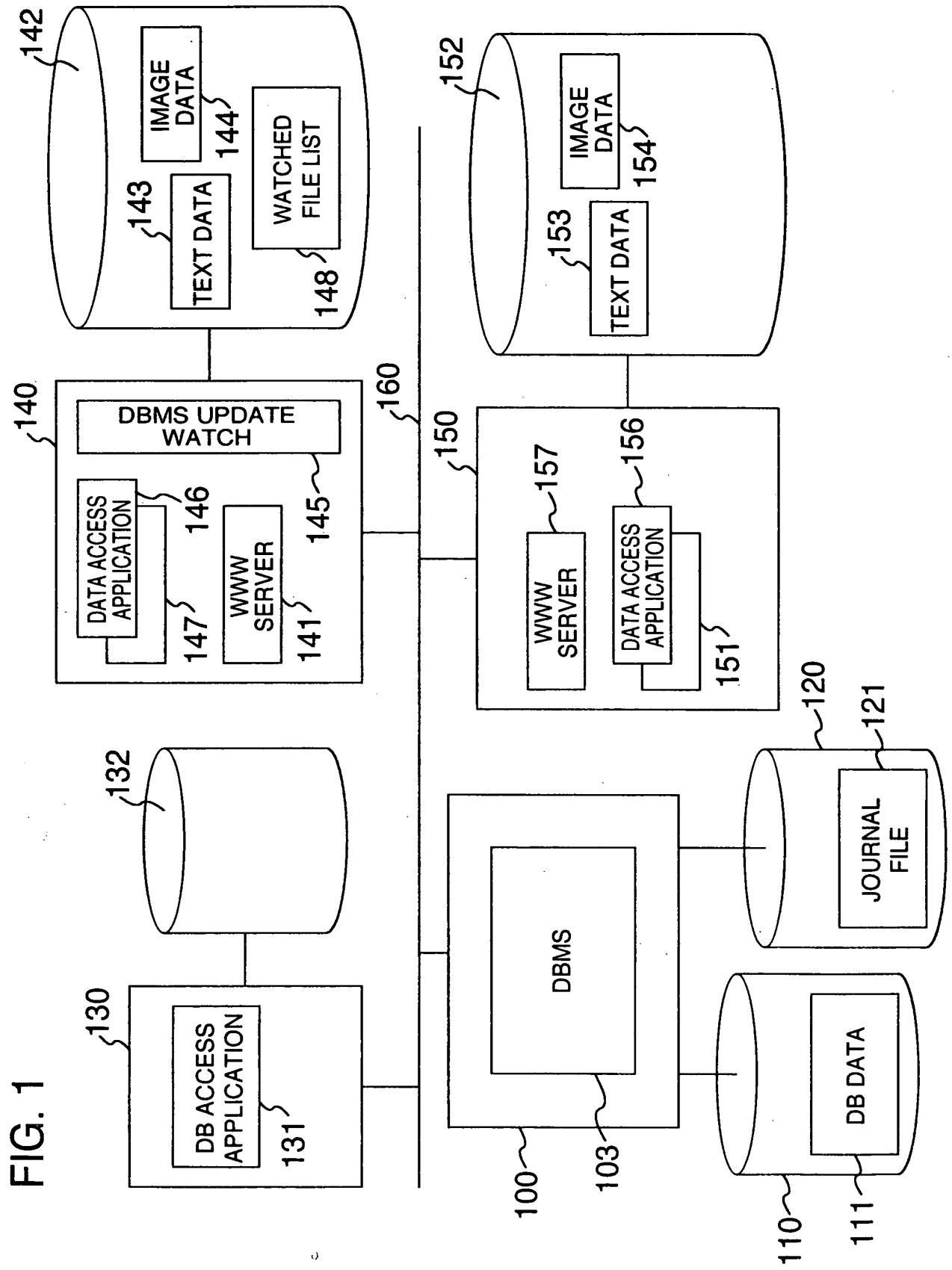


FIG. 2

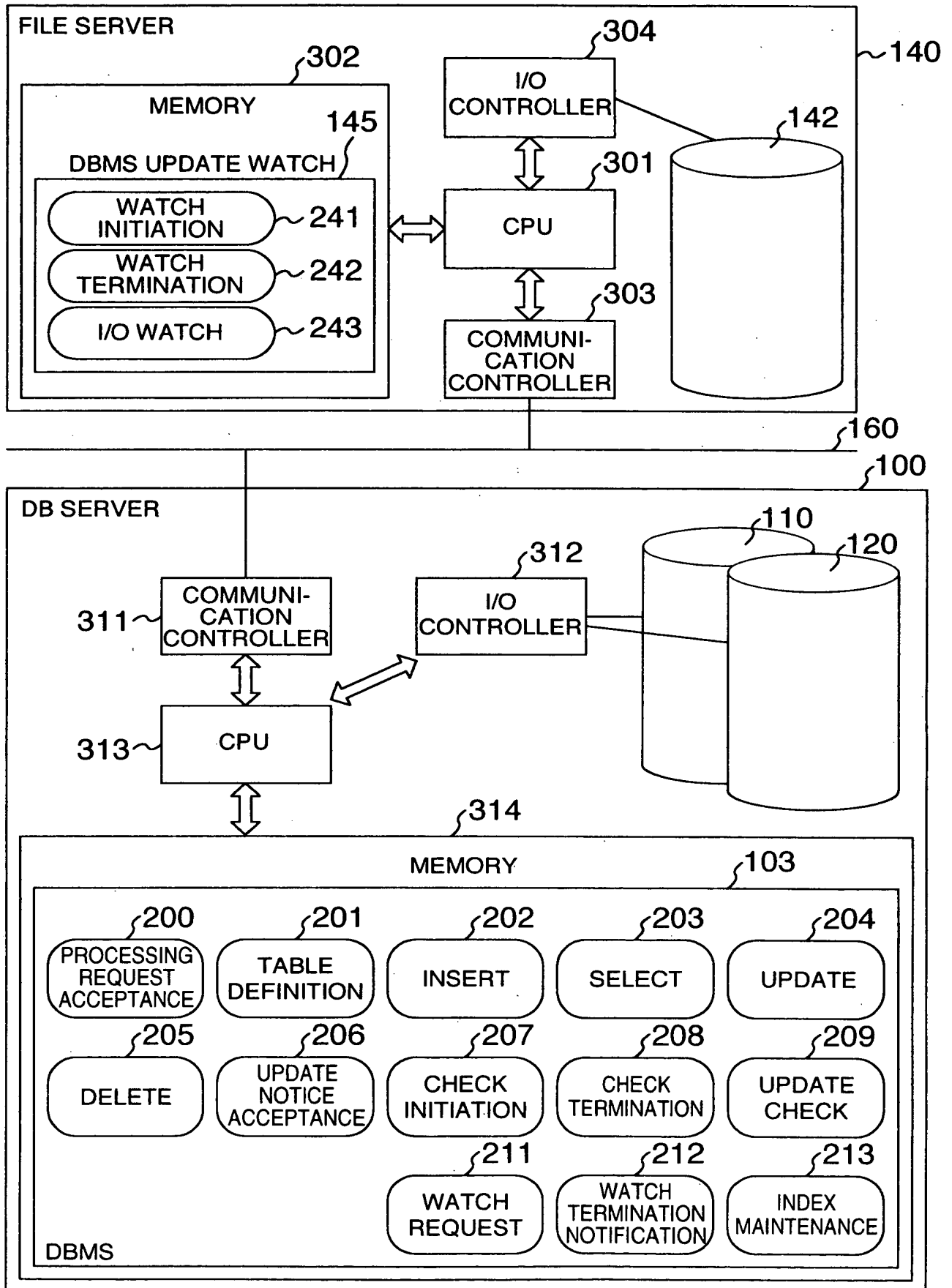


FIG. 3

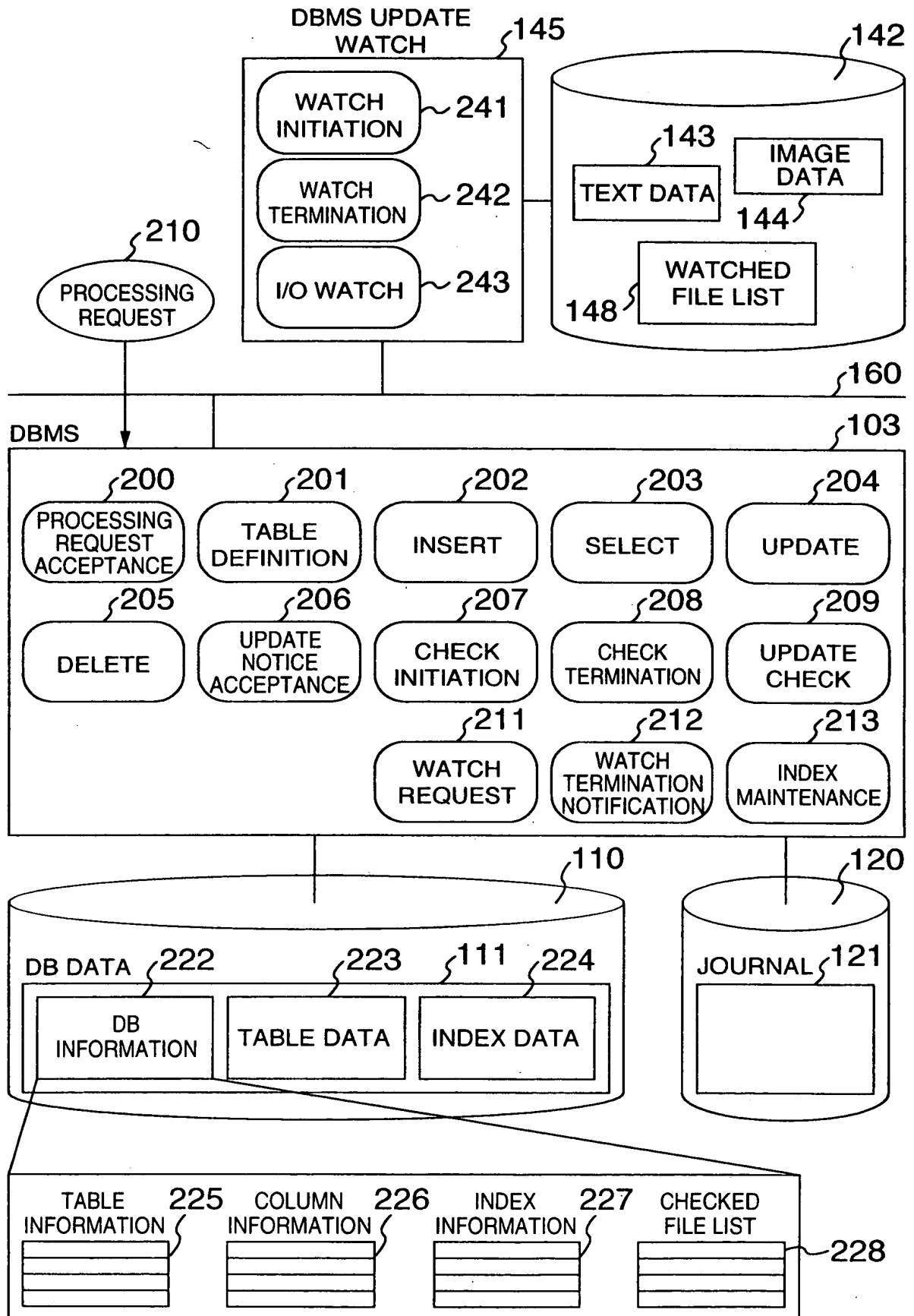


FIG. 4

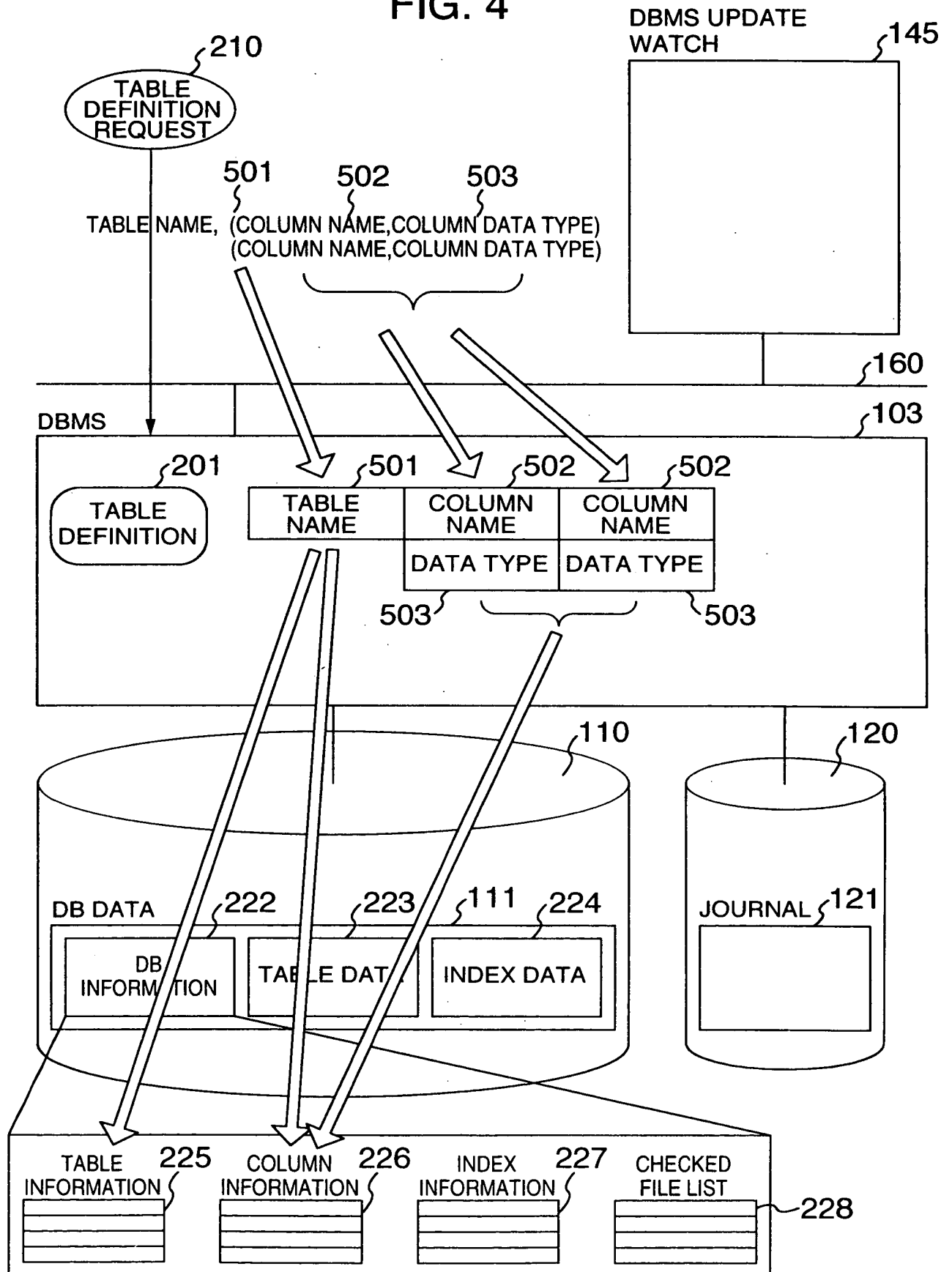


FIG. 5

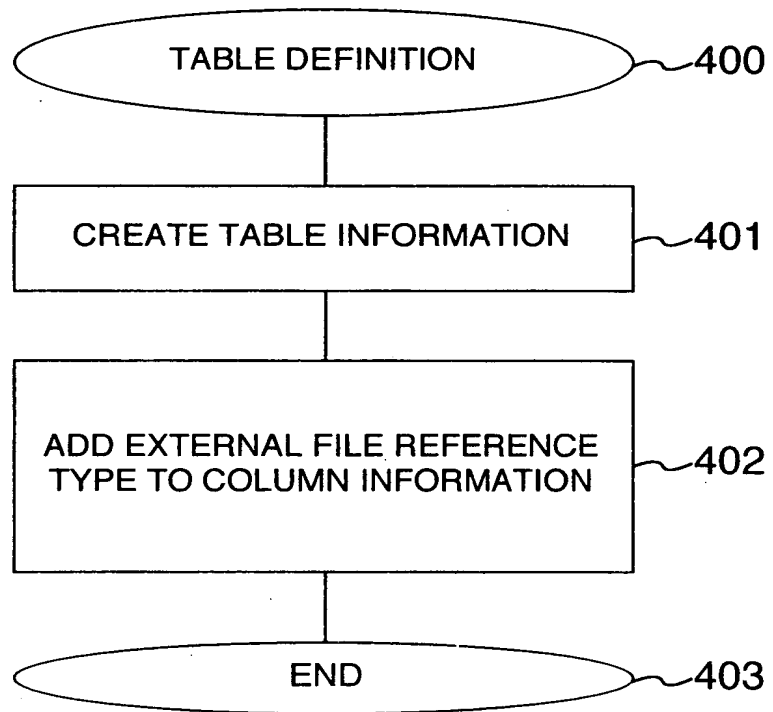


FIG. 6 DBMS UPDATE WATCH

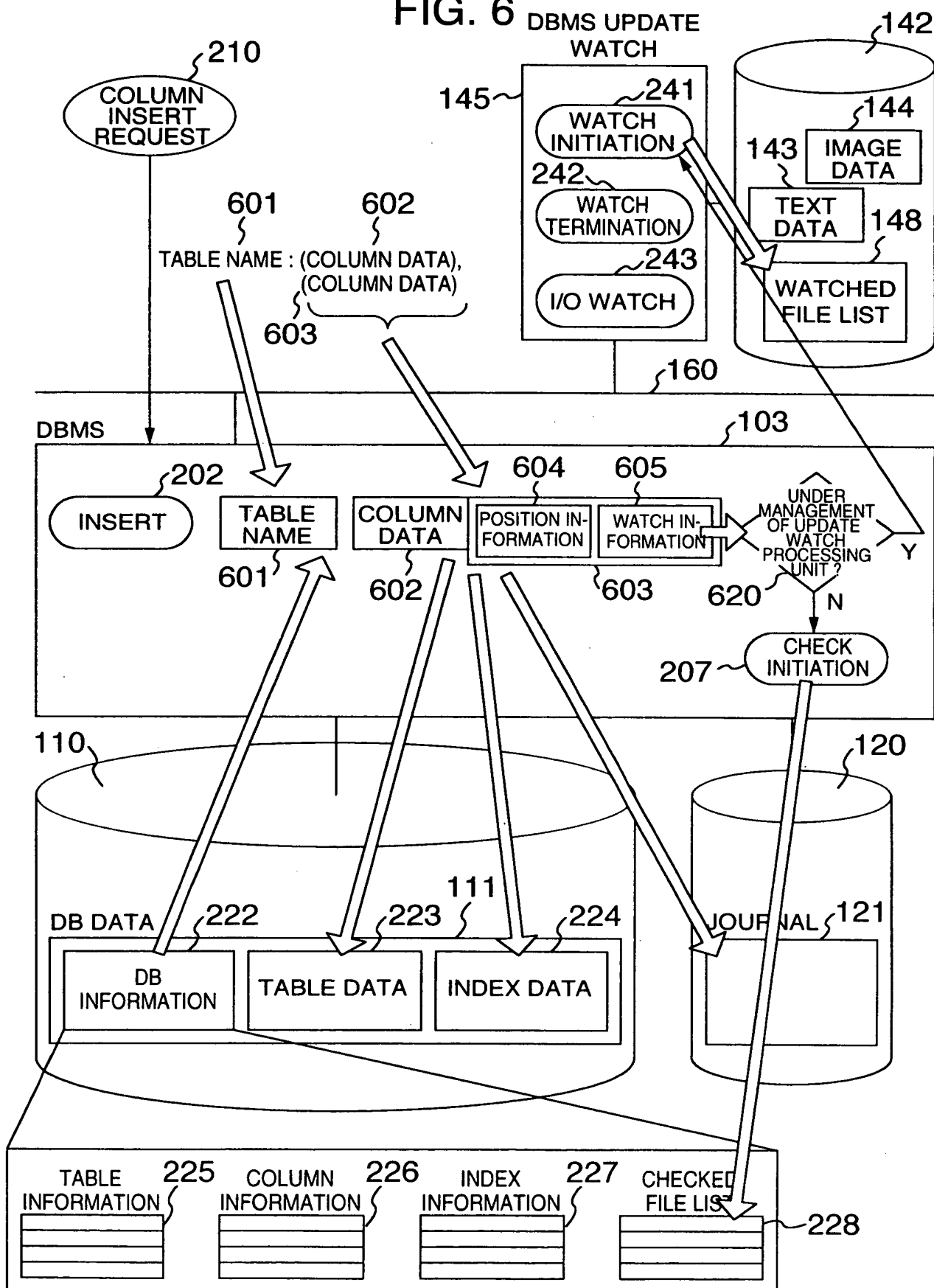


FIG. 7

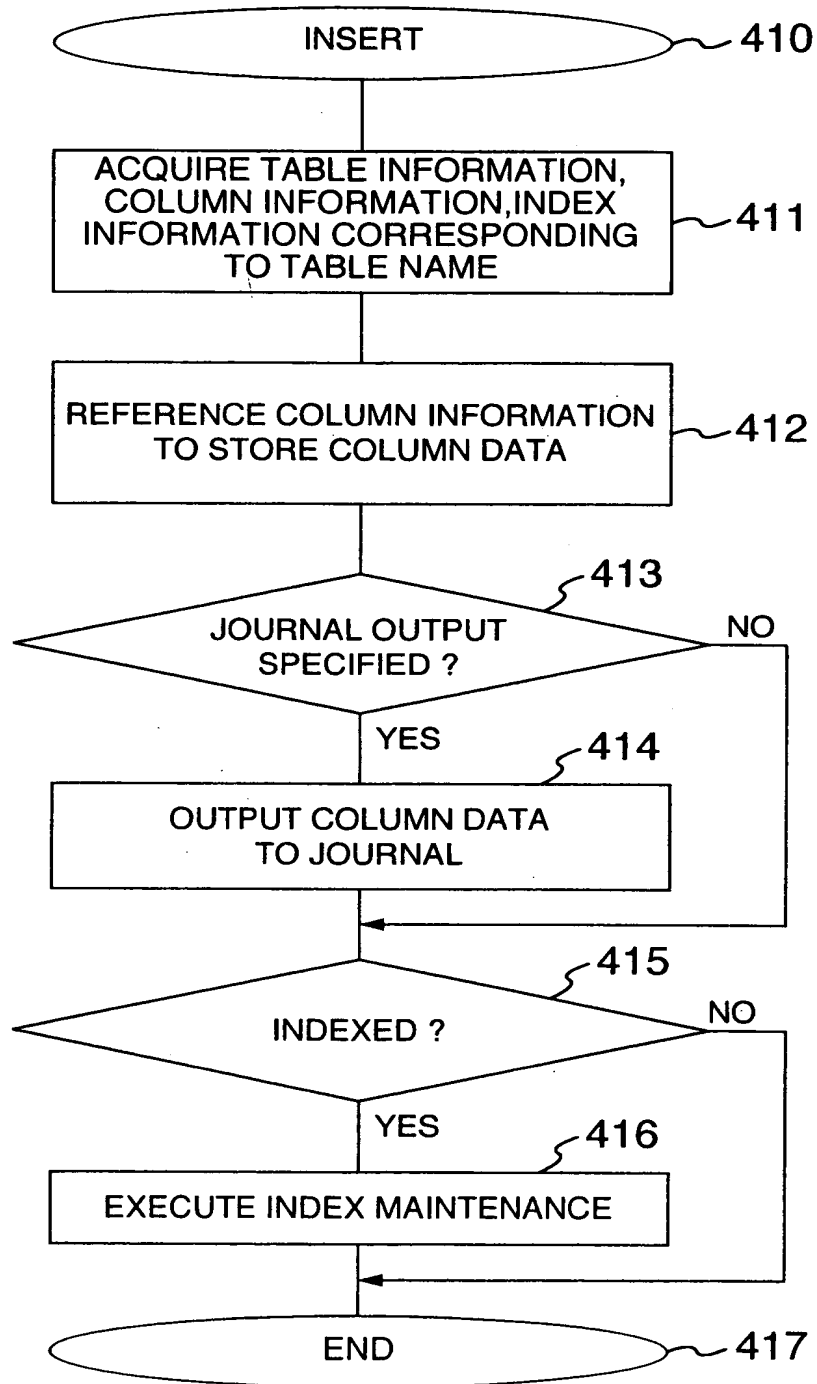


FIG. 8

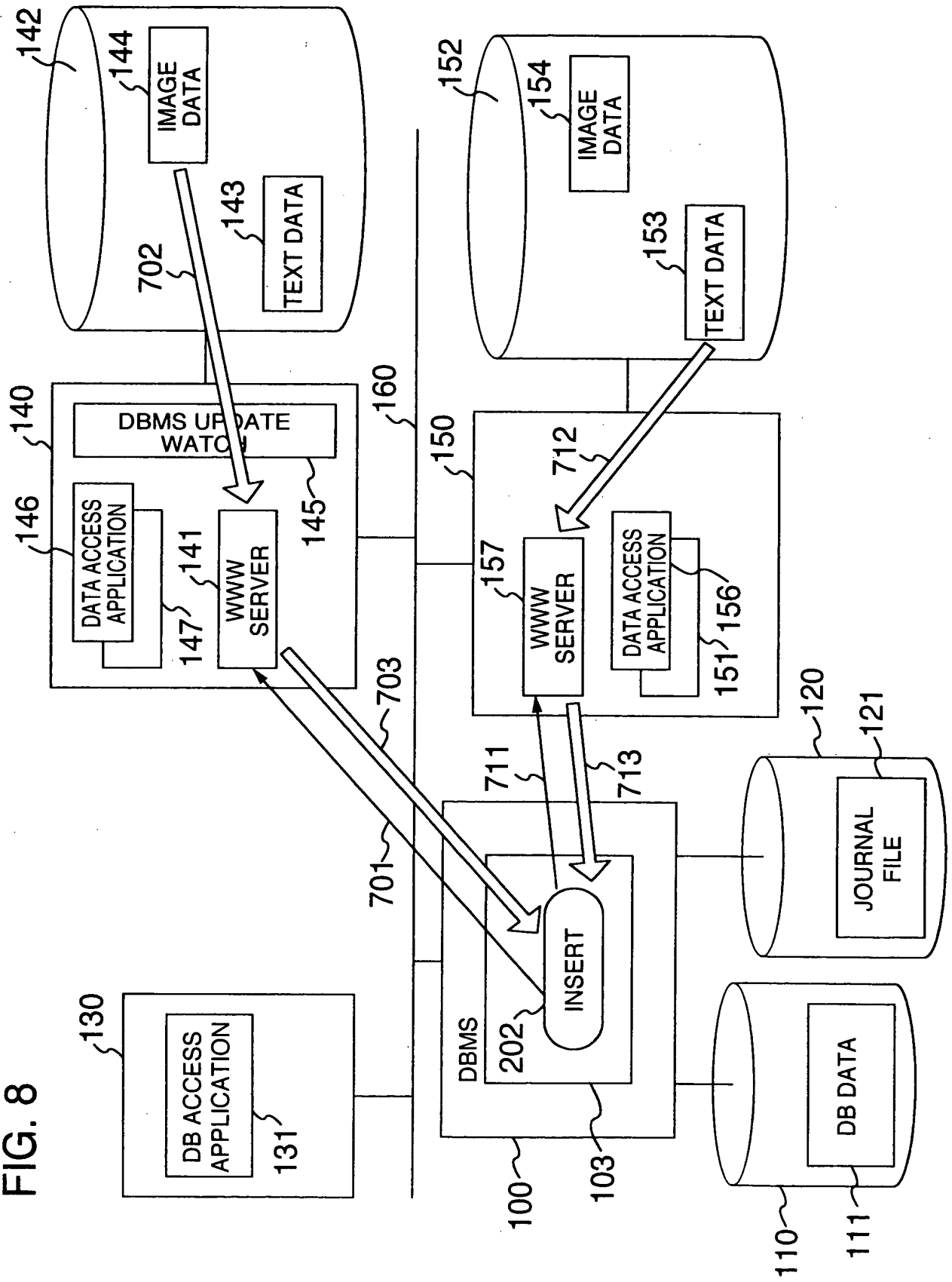


FIG. 9

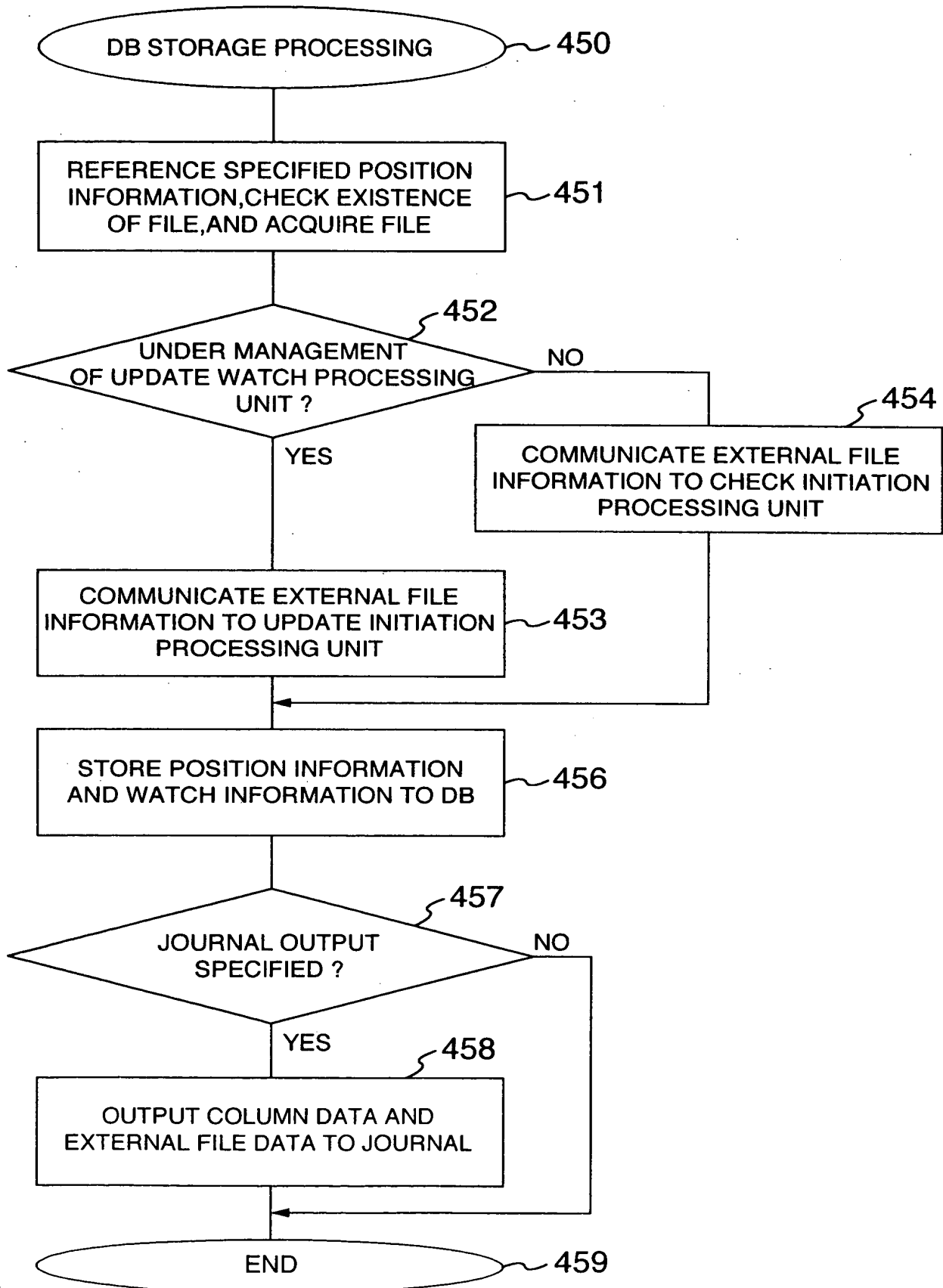


FIG. 10

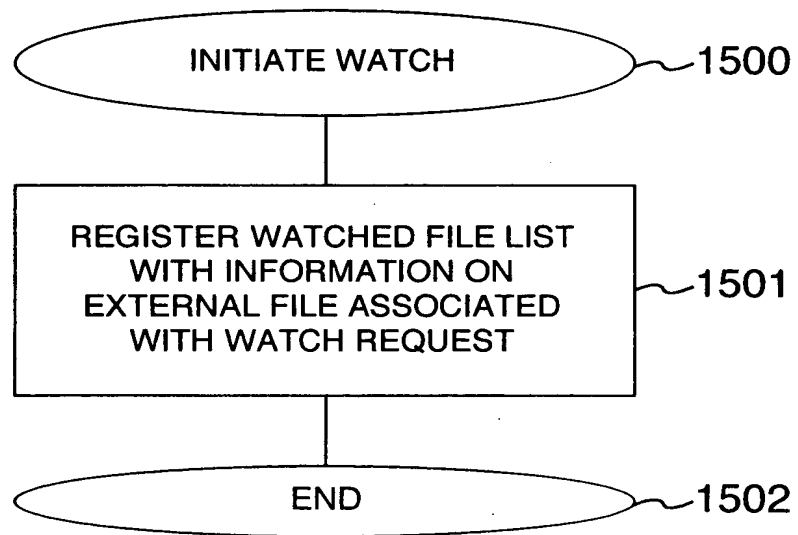


FIG. 11

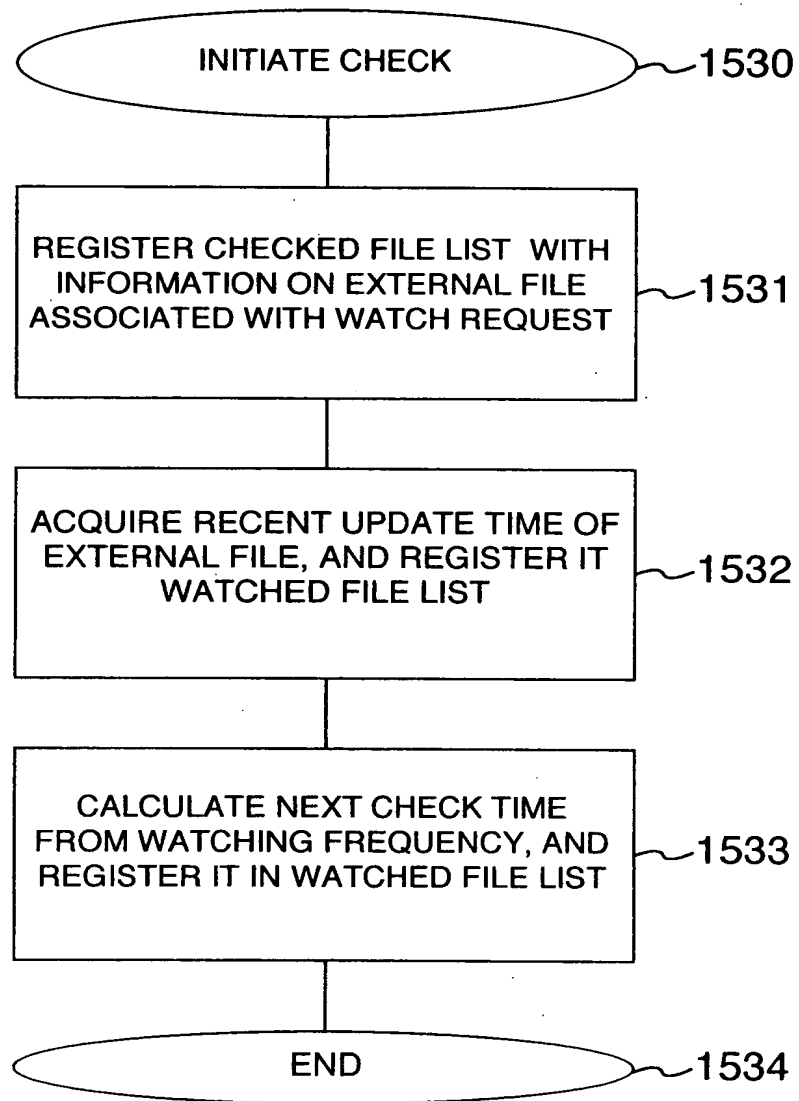


FIG.12

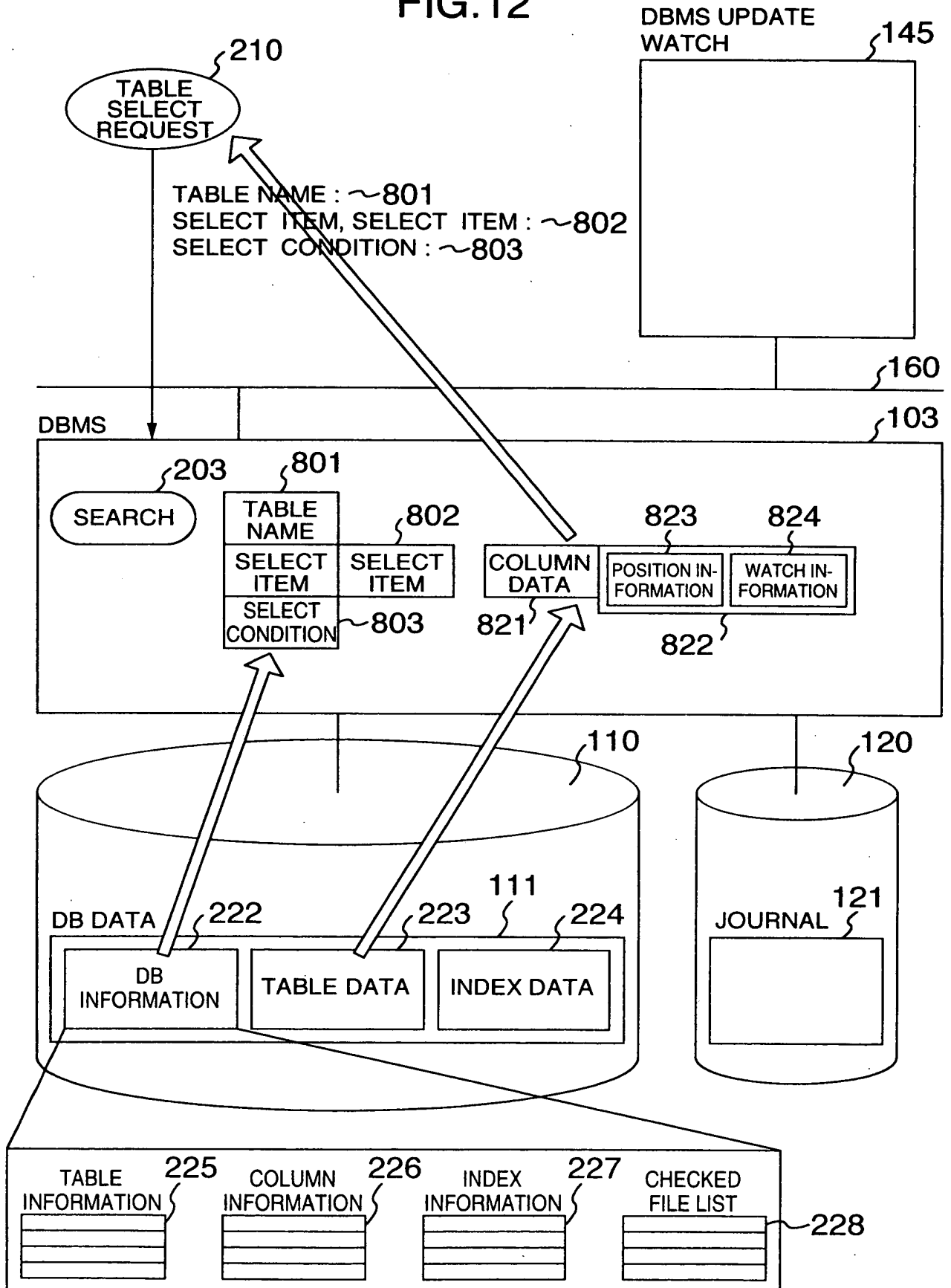


FIG. 13

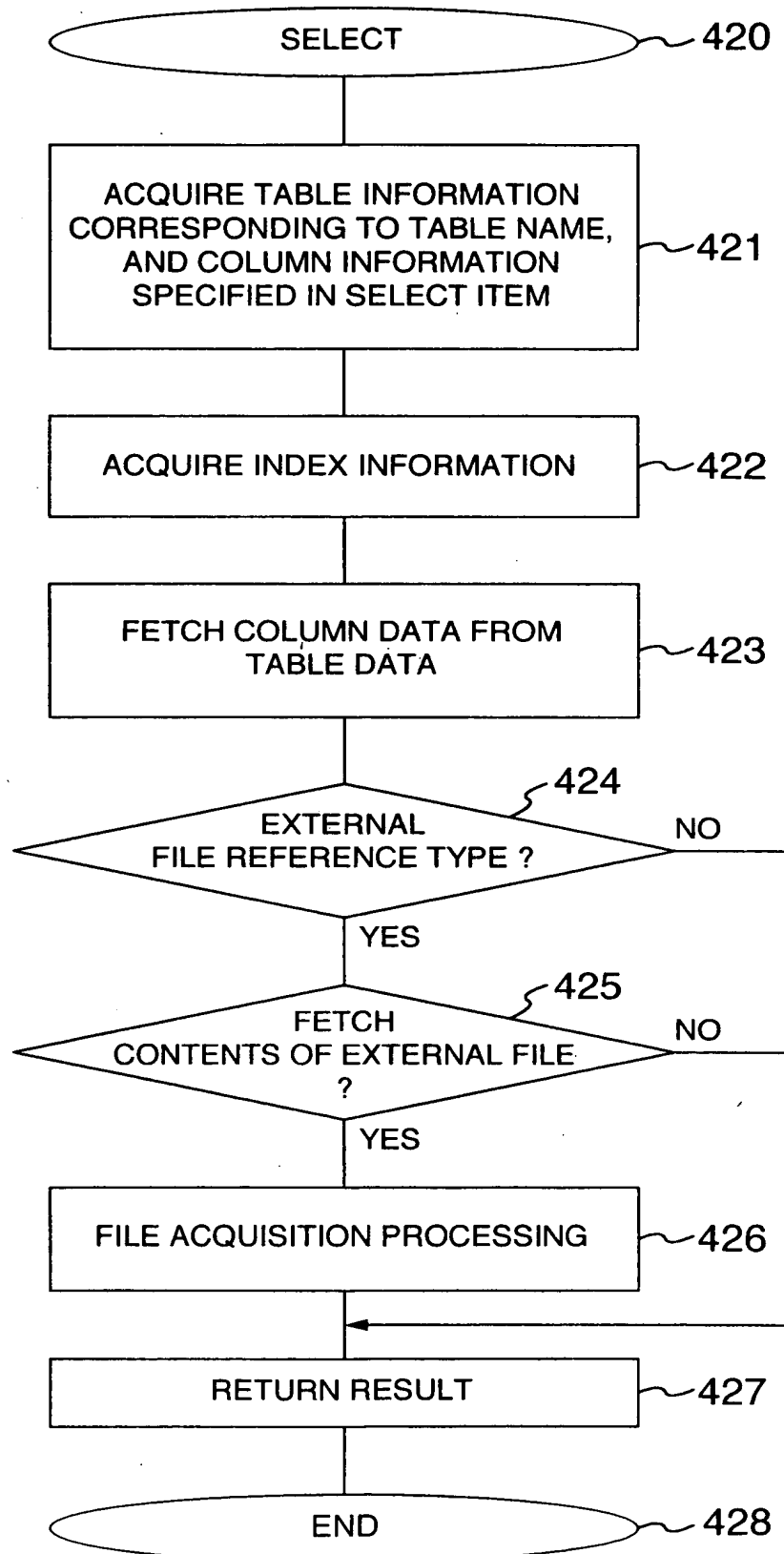


FIG. 14

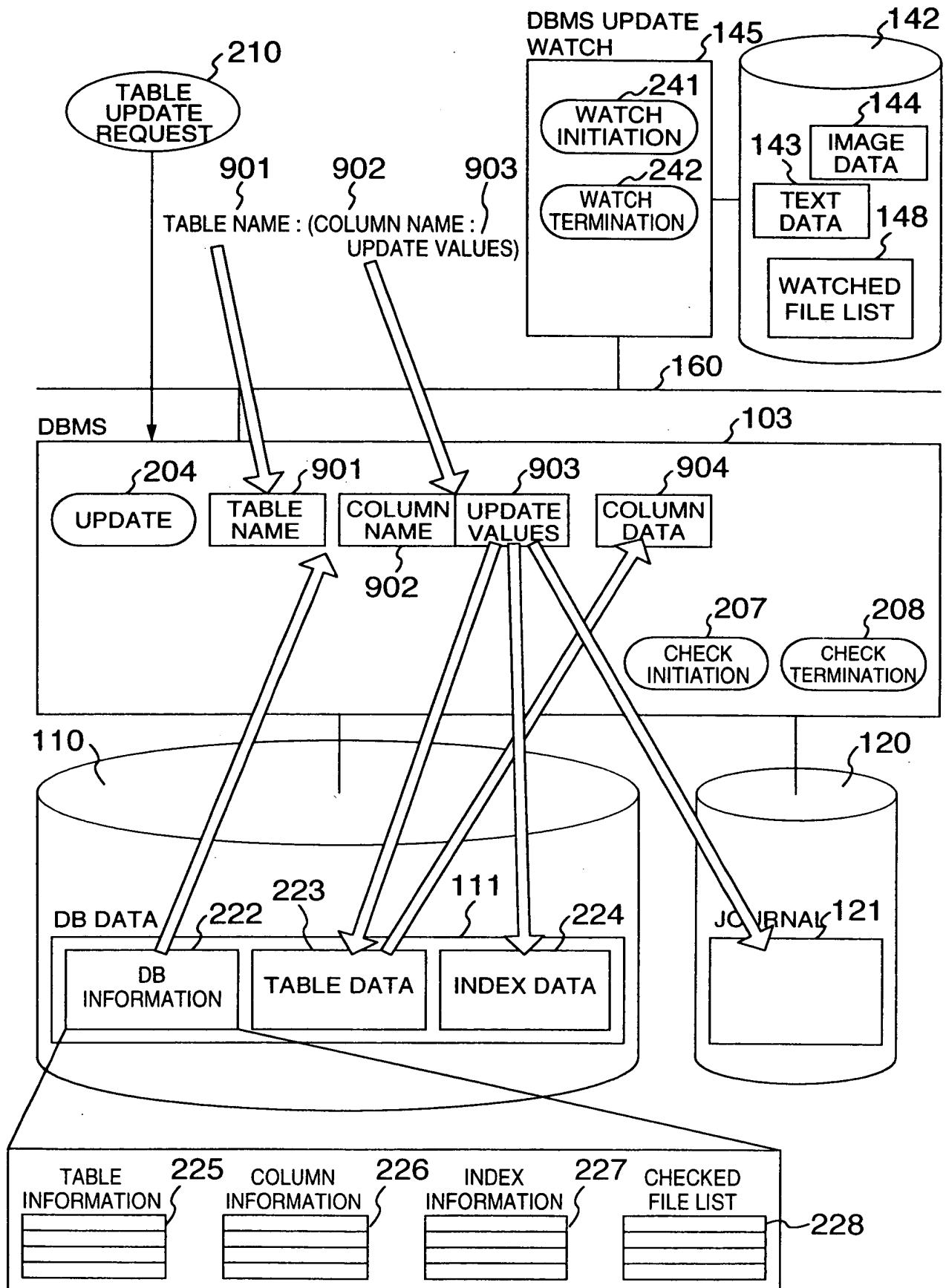


FIG. 15

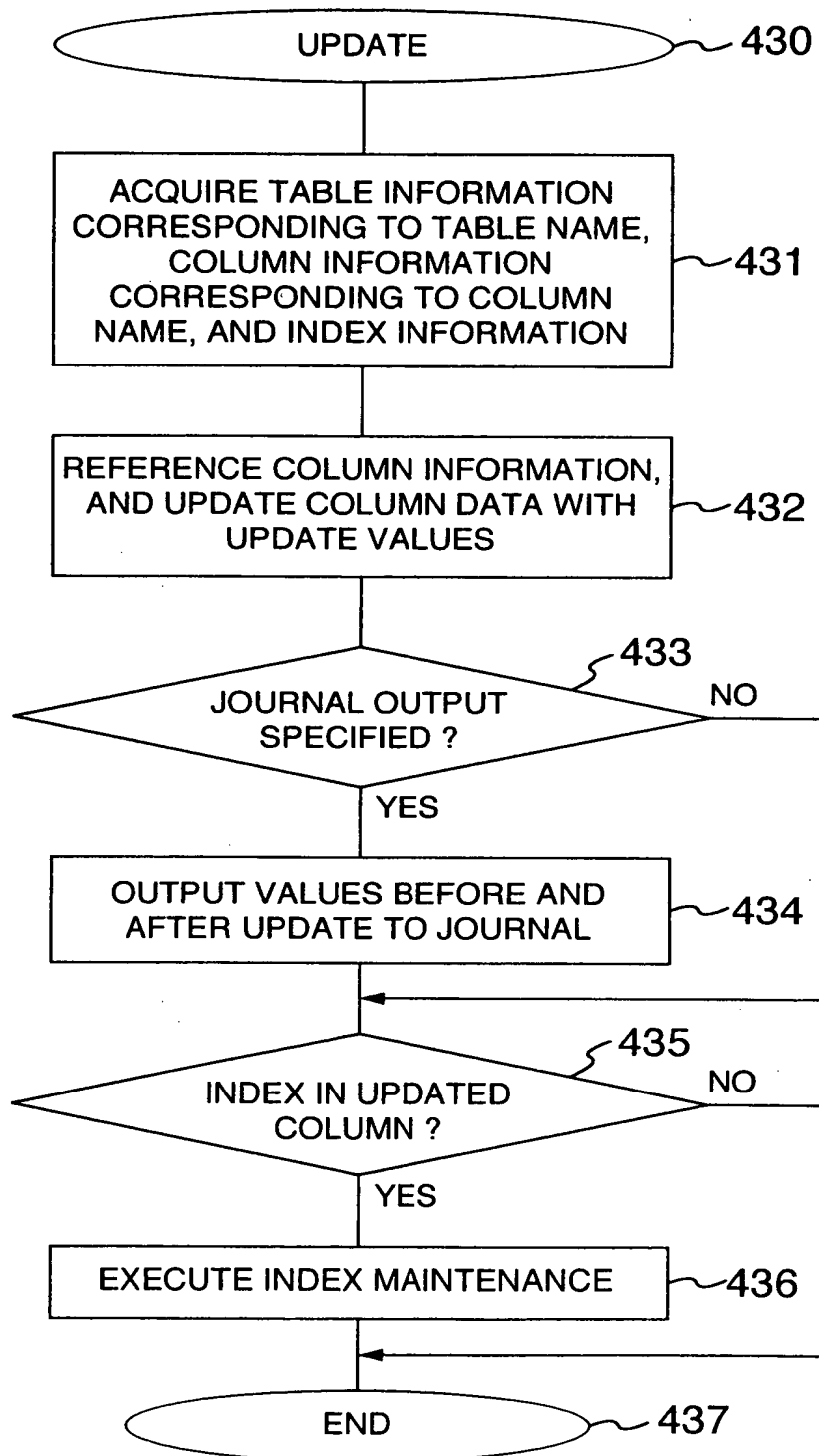


FIG. 16

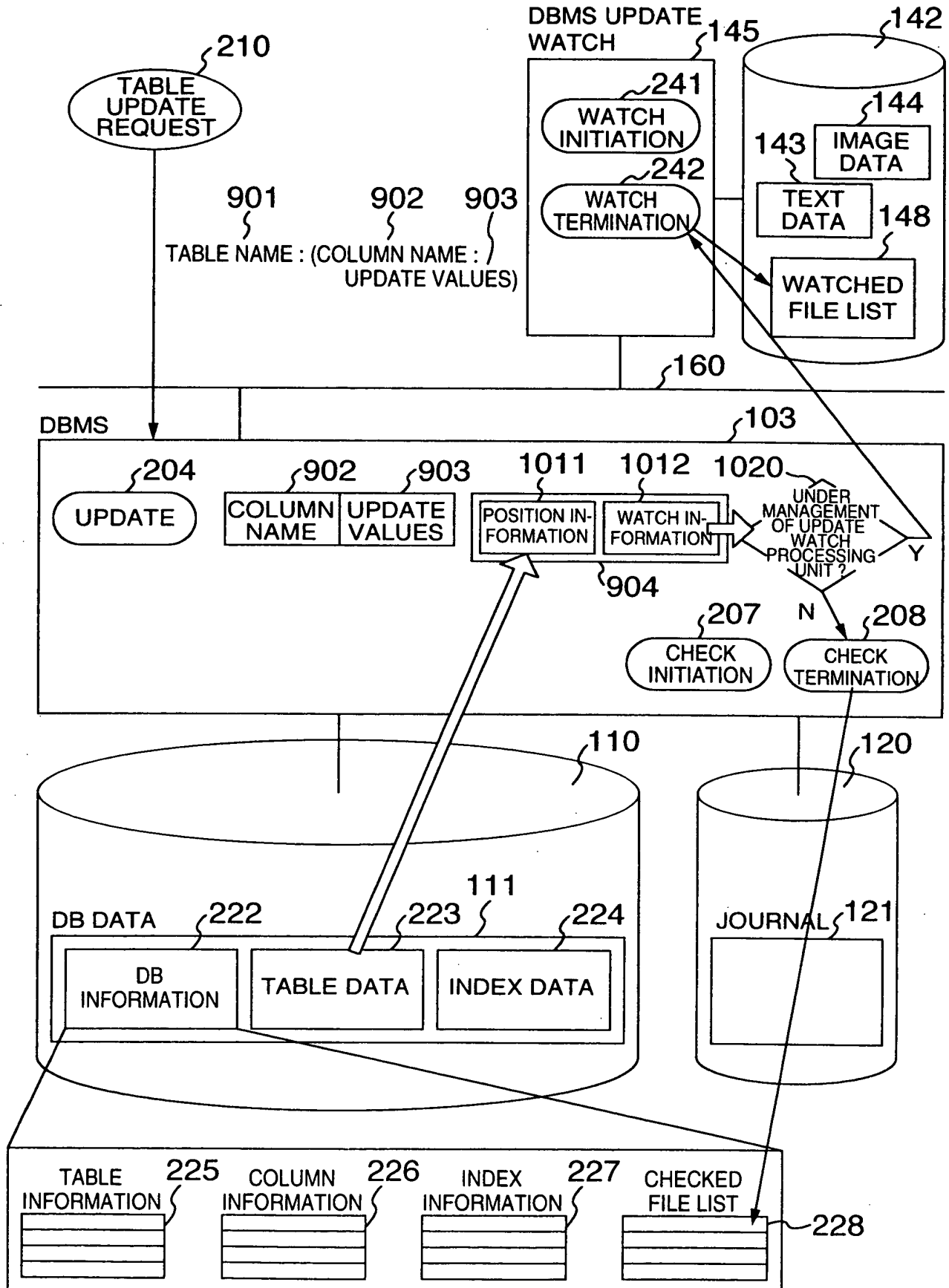


FIG. 17

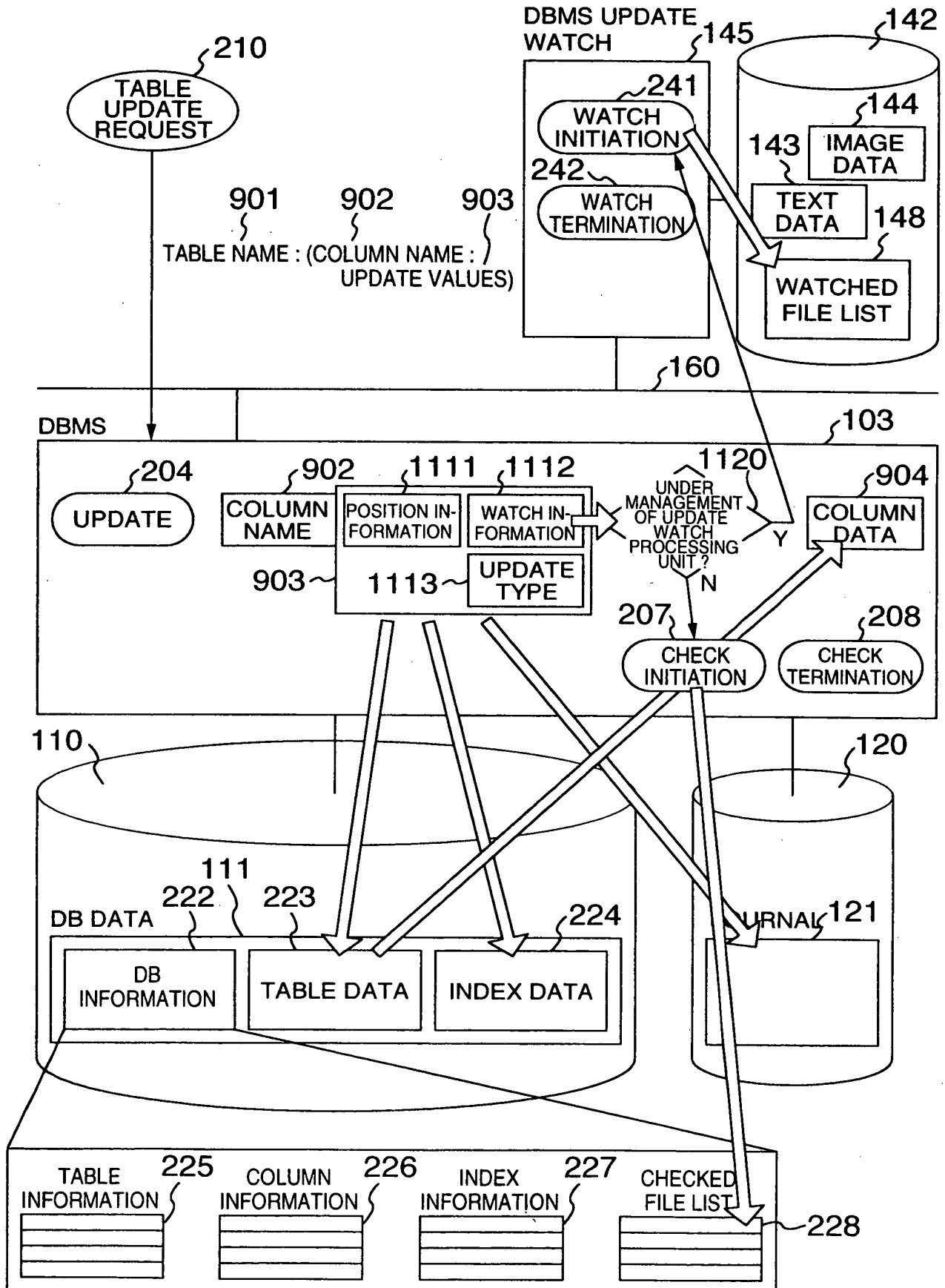


FIG. 18

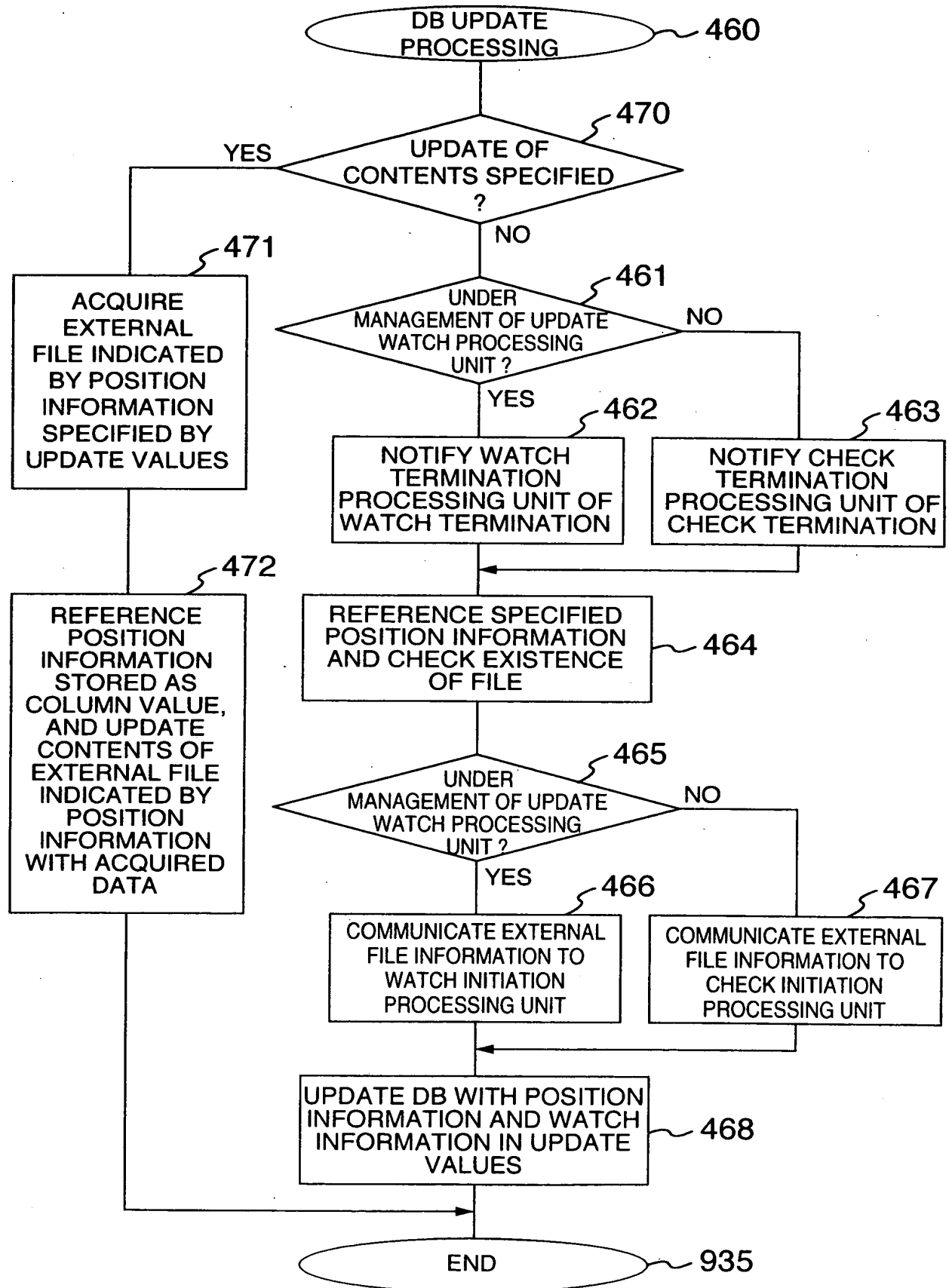


FIG. 19

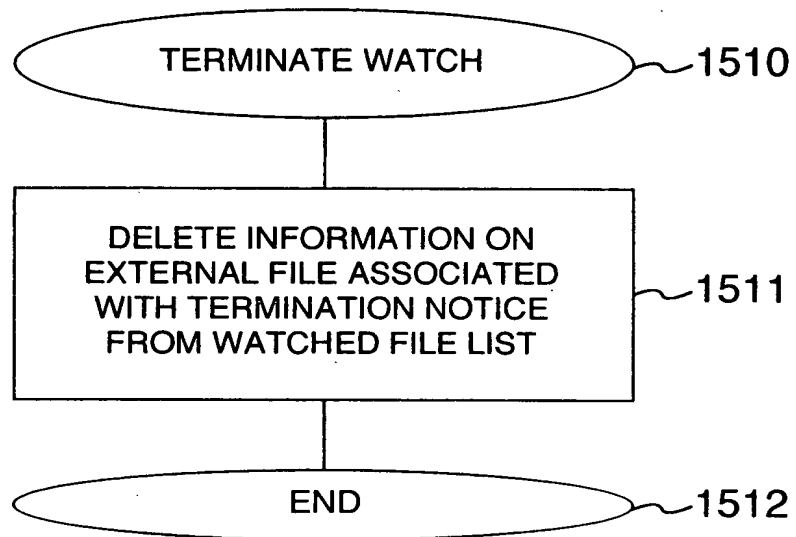


FIG. 20

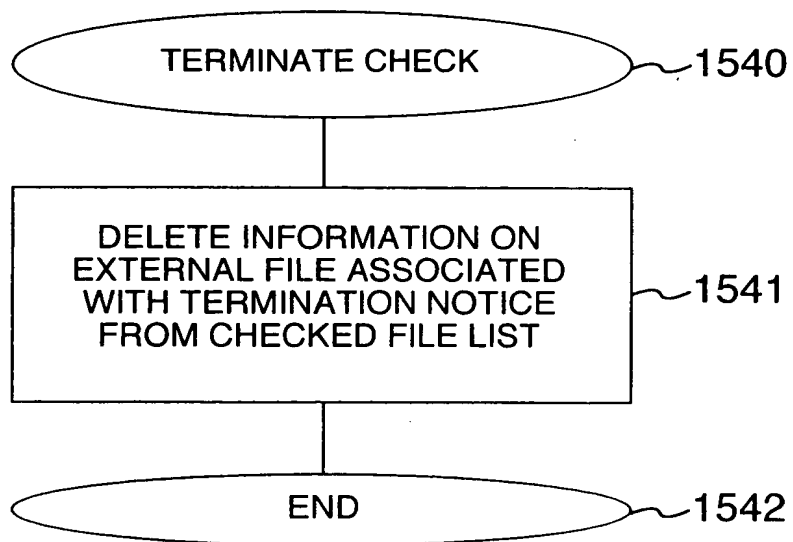


FIG. 21

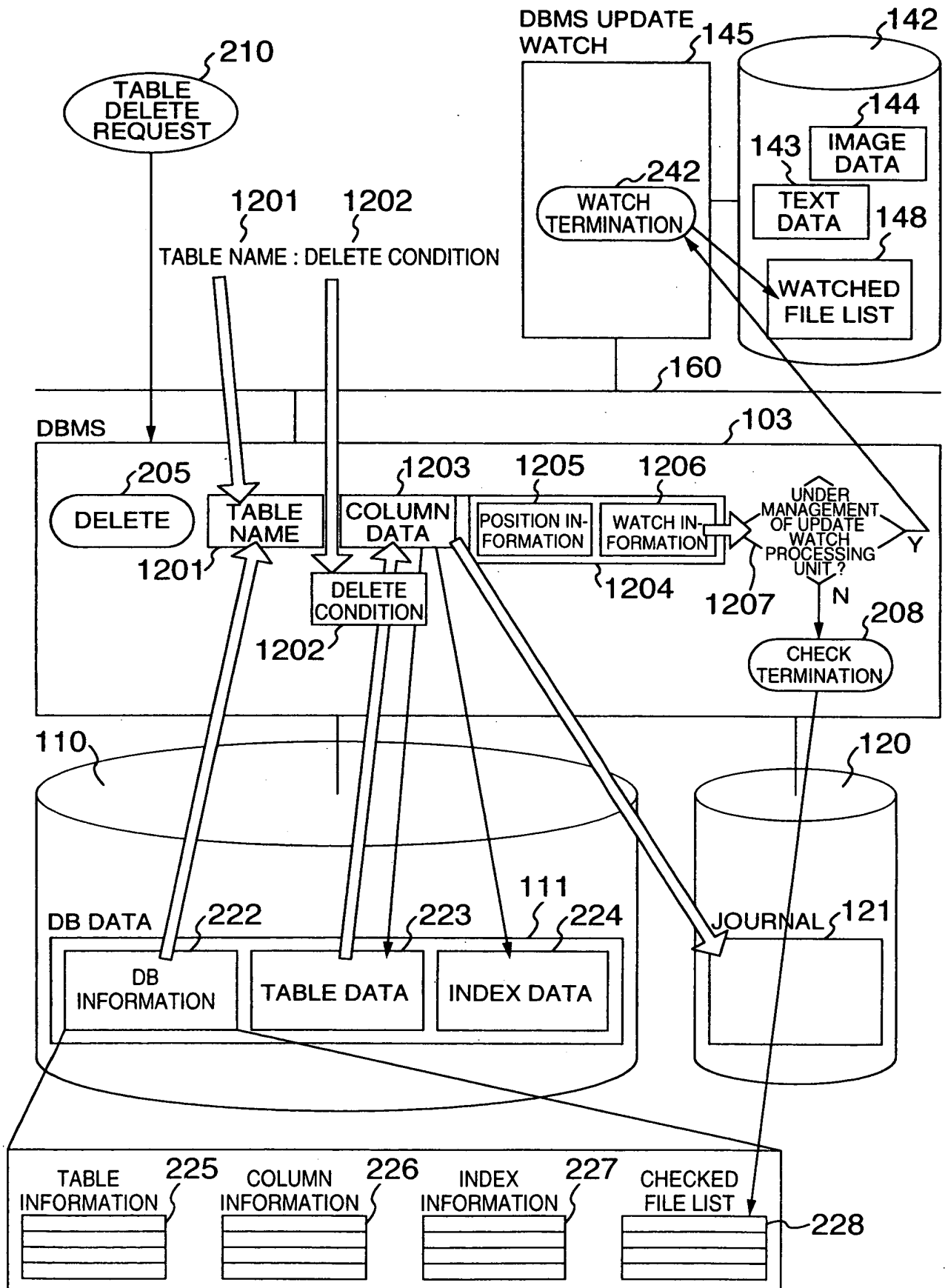


FIG. 22

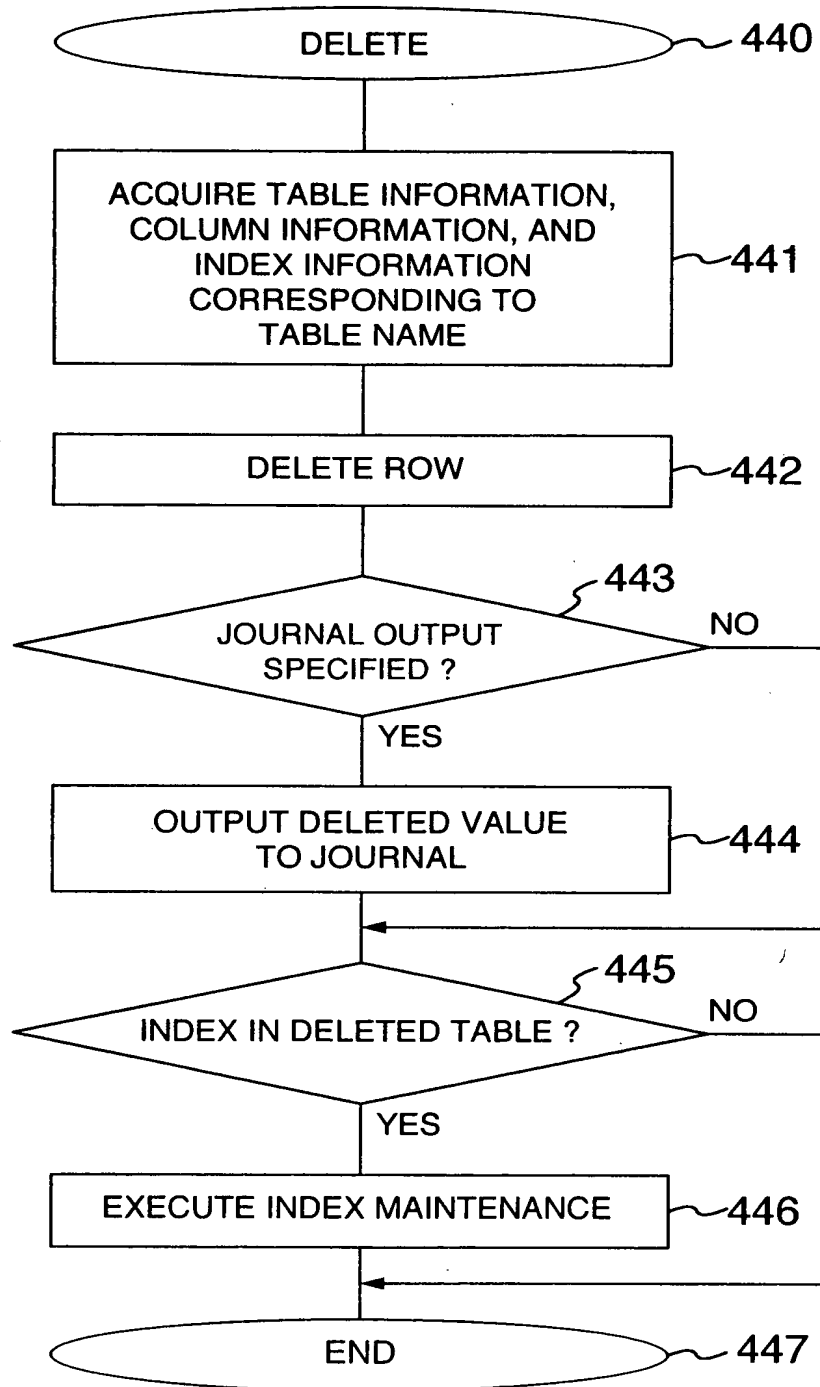


FIG. 23

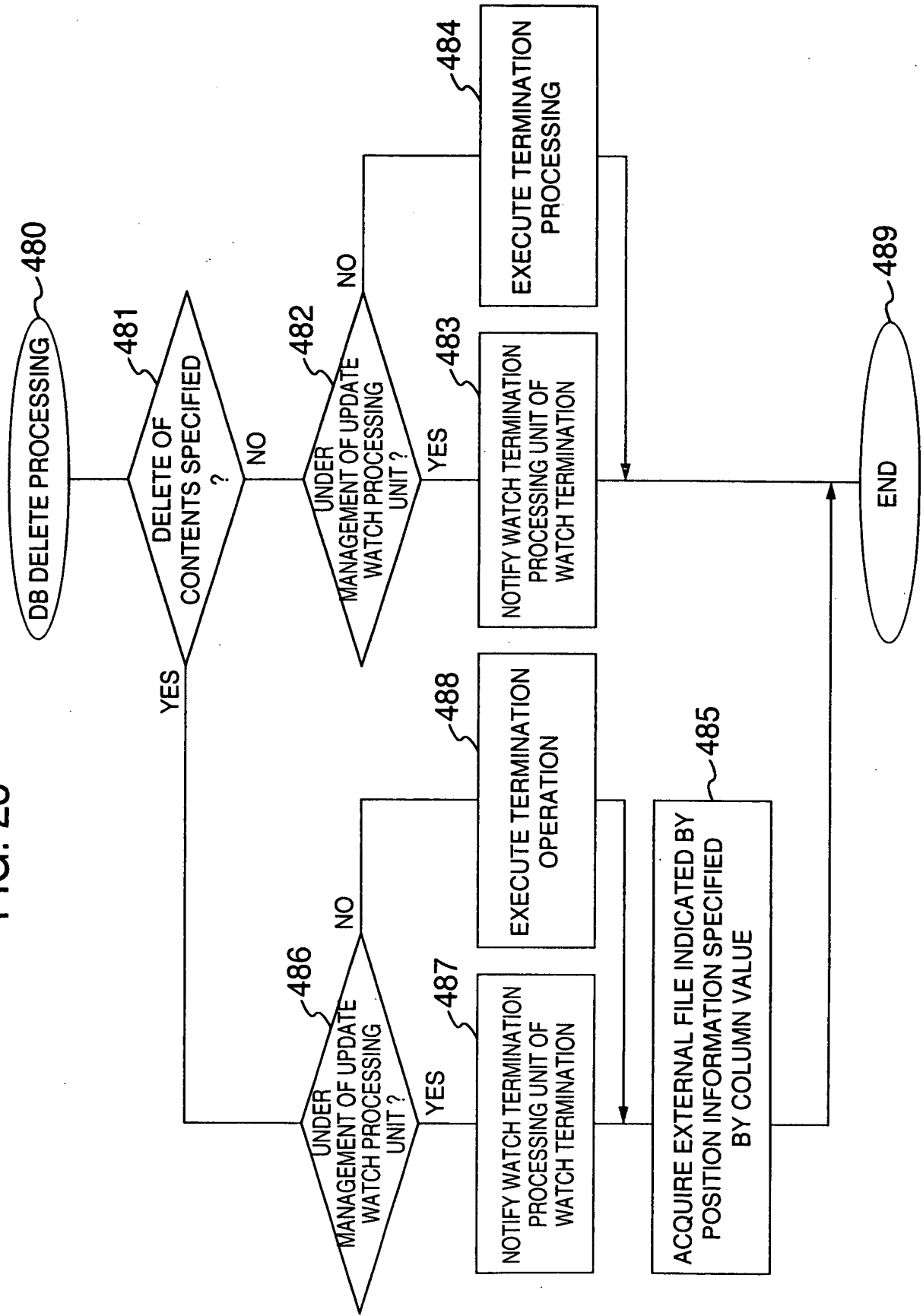


FIG. 24

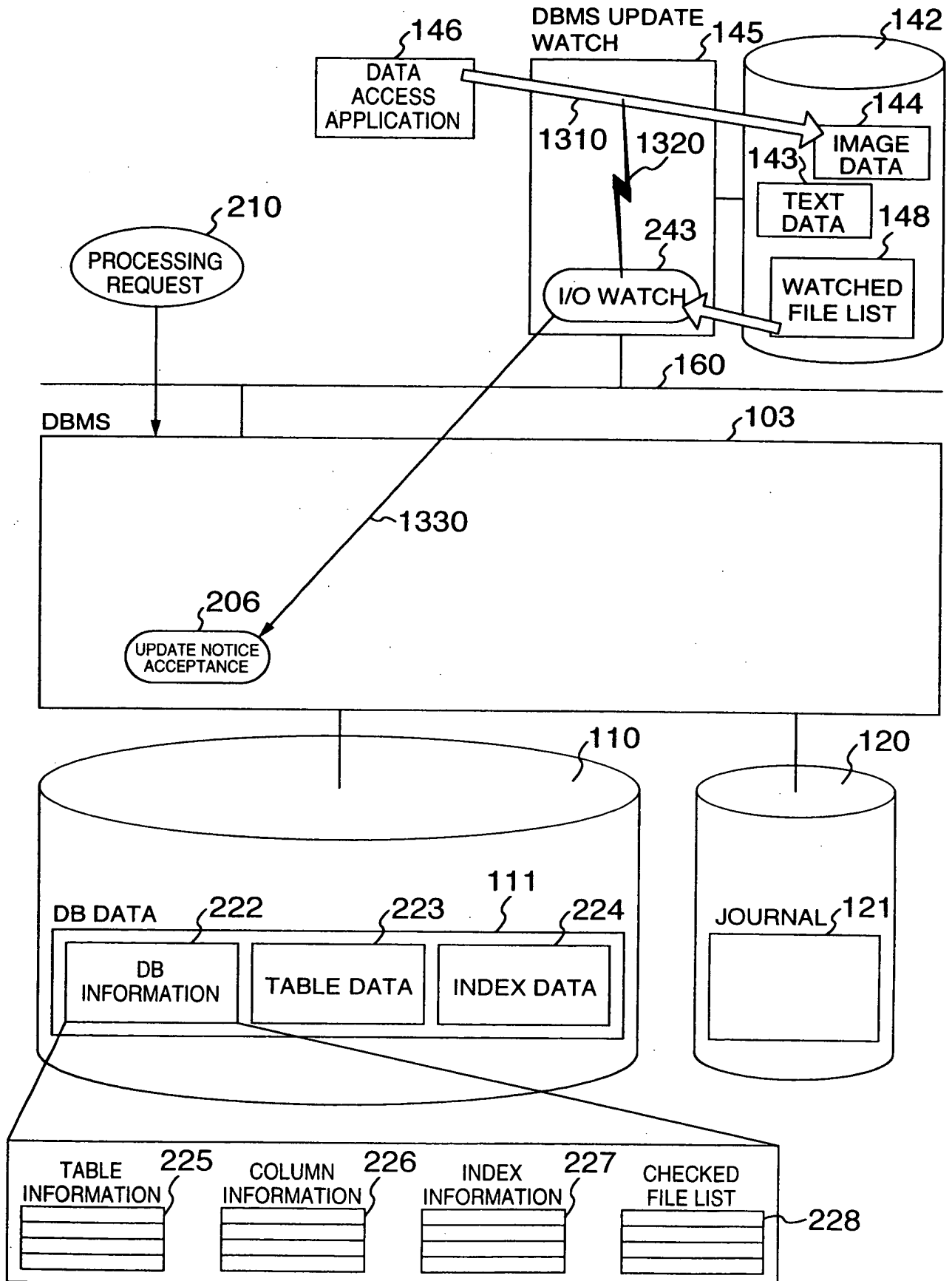


FIG. 25

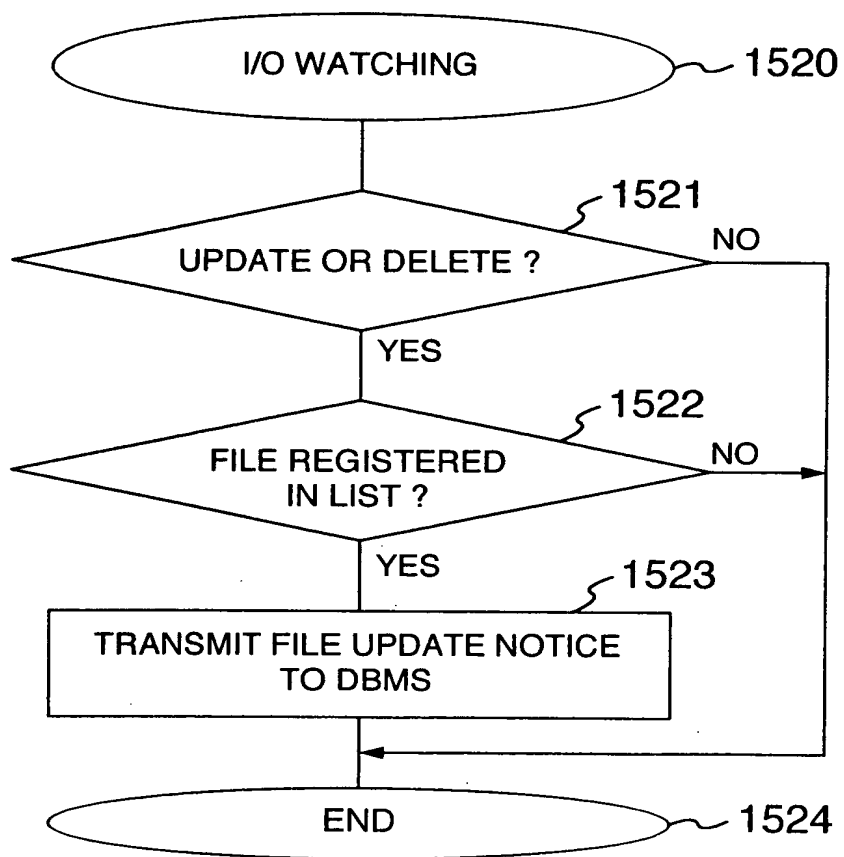


FIG. 26

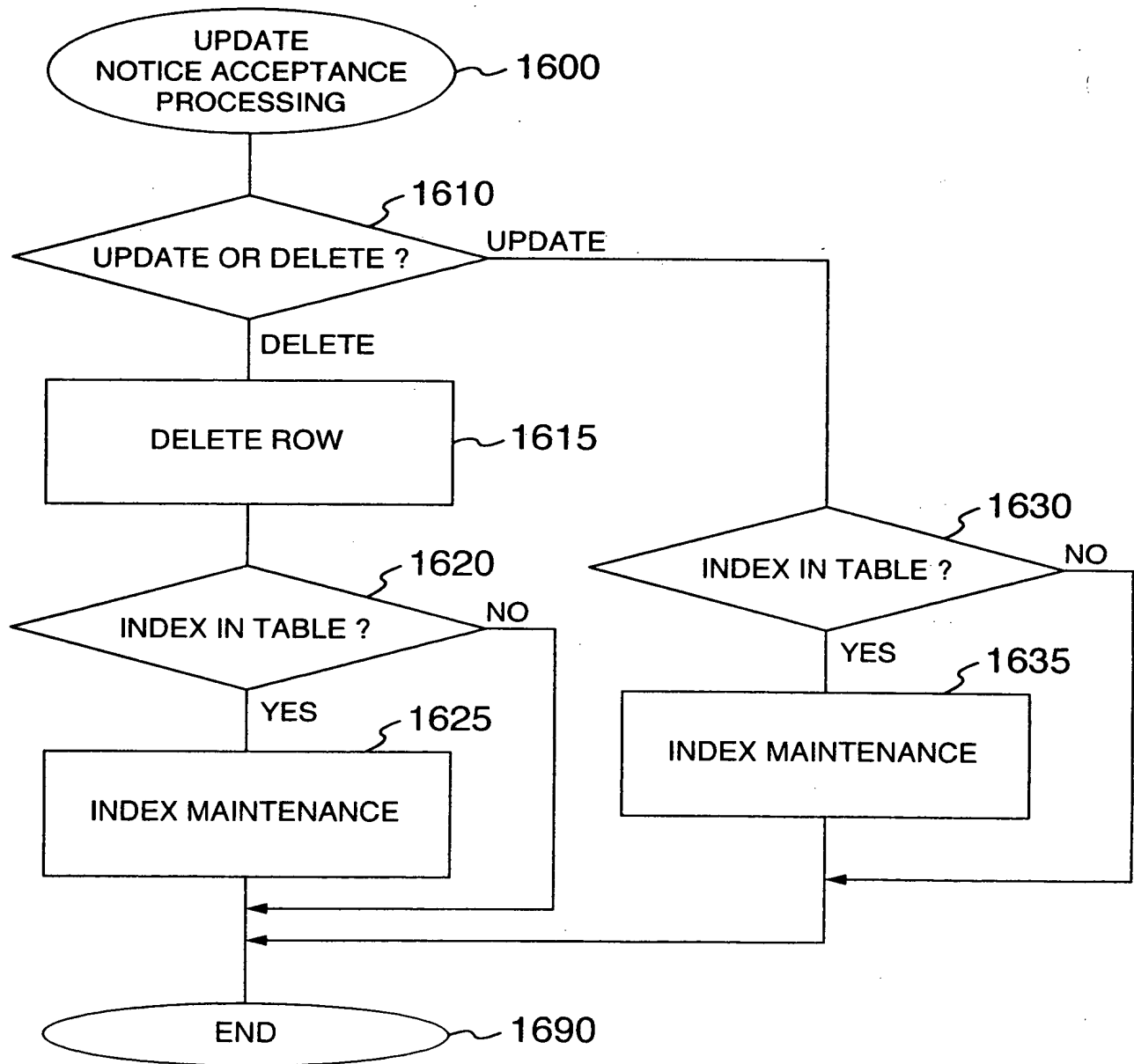


FIG. 27

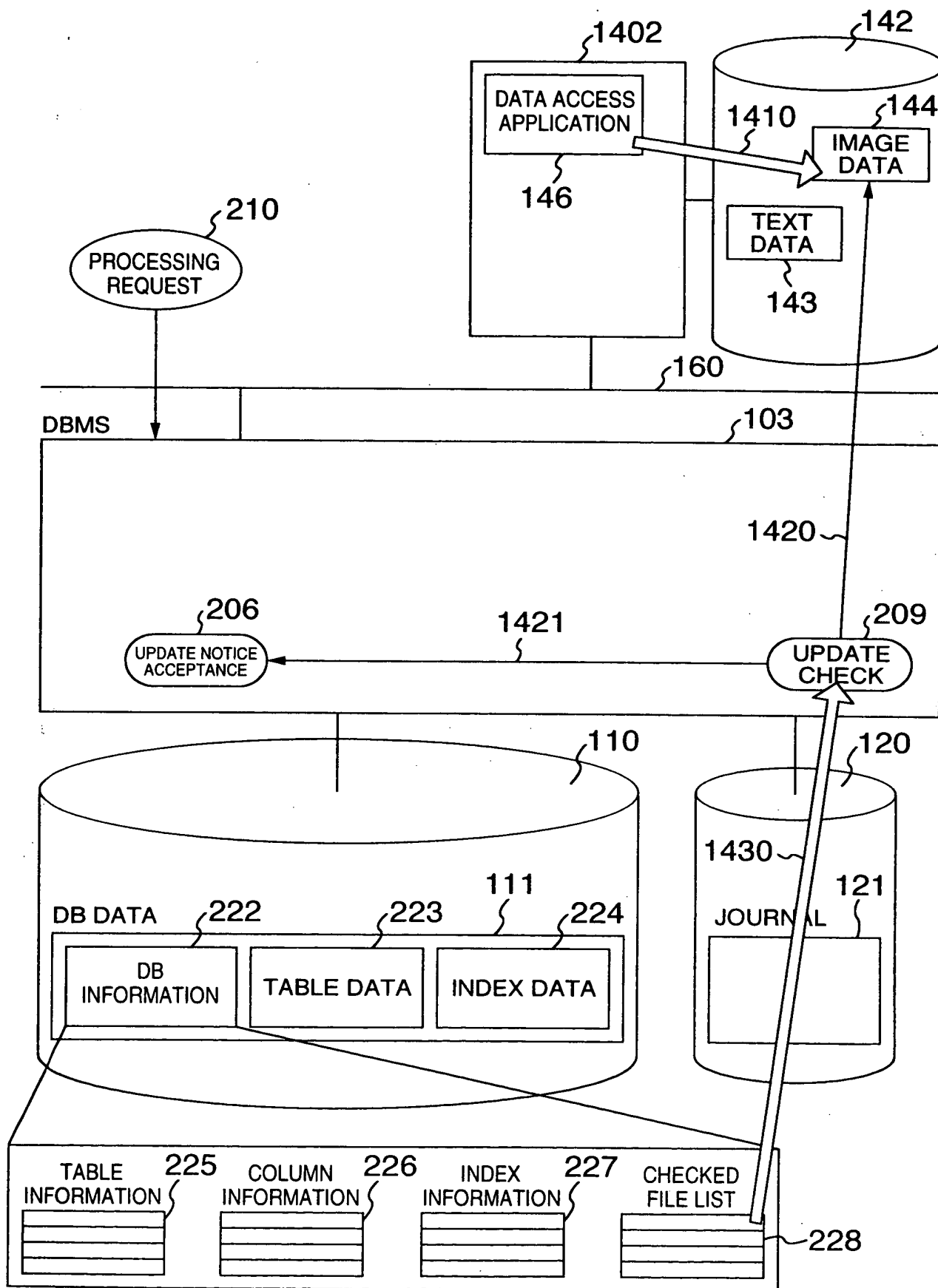


FIG. 28

